



STIC Search Results Feedback Form

EIC 3700

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

John Sims, EIC 3700 Team Leader
308-4836, CP2-2C08

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: 3722 Example: 3730

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC3700 CP2 2C08



Cadugan, Erica

From: Cadugan, Erica
Sent: Tuesday, January 13, 2004 4:33 PM
To: STIC-EIC3700
Subject: 09/987941 EIC search

Hi,

I need a non-patent literature search for a case. I don't know what kind of time frame you guys are looking at right now. I HAVE to move the case by next Friday (1/23), but of course early to mid-next week would be desirable (but again, I don't know what kind of time frame you guys are working in right now).

Claim:

A method of dry milling a material comprising:

providing a milling cutter with a silicon nitride based milling insert;
advancing the milling cutter relative to the material such that at least the majority of material removal is accomplished by contact with the milling insert;
cutting at a cutting speed of 1000-3000 m/min; and
feeding to a cutting depth of 0.2-2 mm,
wherein the material comprises aluminum and cast iron.

I need the general conditions of dry milling a material made of aluminum and cast iron with a silicon nitride based tool.

Key words:

Aluminum or Al
Cast iron, iron, Fe
dry, without lubrication or lubricant or cutting fluid
milling or cutting or machining
(silicon nitride) or (SN or SiN) in proximity to (cutter or tool or cutting/milling insert)

Thanks,

Erica E. Cadugan
Patent Examiner
Art Unit 3722
CP2-10D30
(703) 308-6395

Tracking:

Recipient
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Read

Read: 1/13/04 4:38 PM

Cadugan, Erica

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